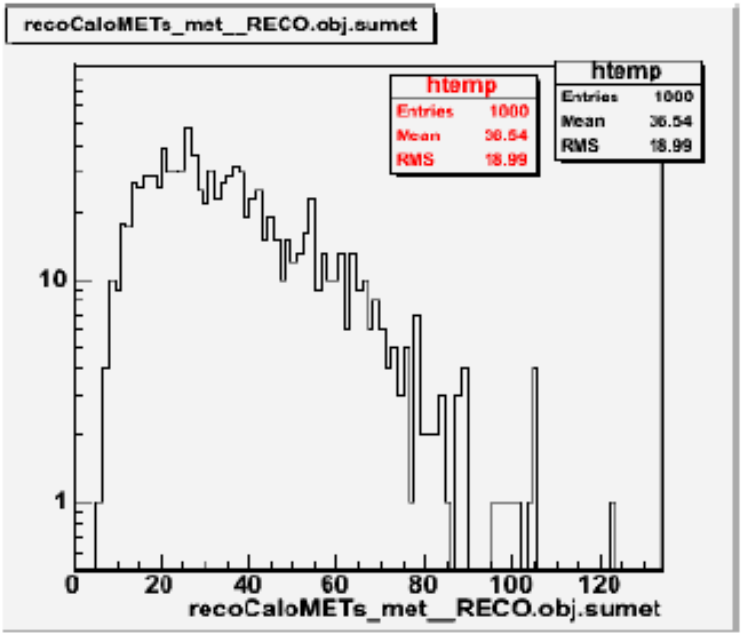
Comparisons of MET distribution for various Out-Of-Time PU samples

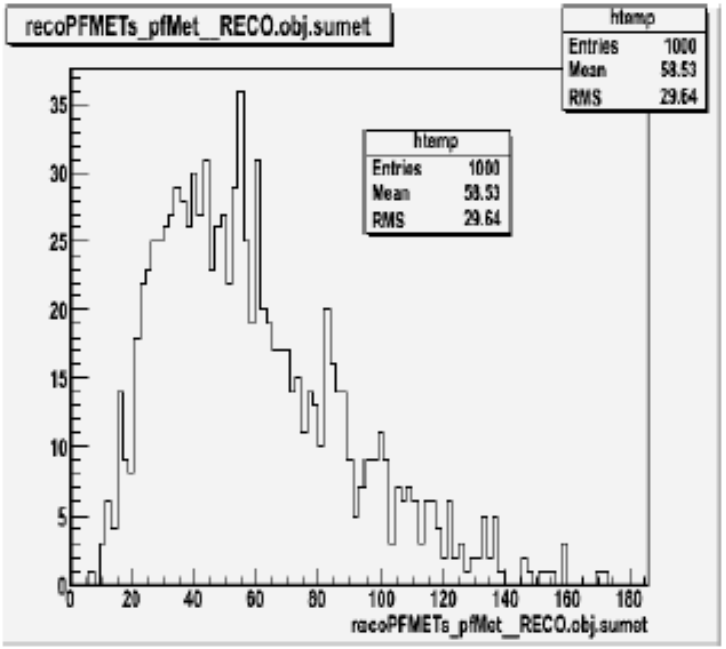
- PFMet in Ecal and PFMet total
- PFSumET in Ecal and PFSumET (total)
- CaloMet in Ecal Barrel and total
- CaloSumET in Ecal Barrel and total
- For each, studied – 25 ns Early OOT [MC]
- Default means:

- for Calo: EB>2 GeV, EE>2 GeV, kOutOfTime applied
- for PF: EB> 2 GeV, No cut on EE, kOutOfTime applied

Sanity plots

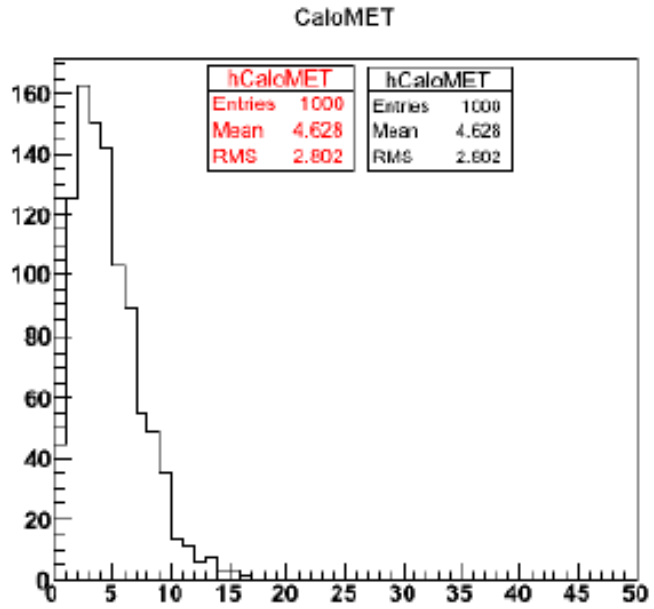
Default RECO reproduced by RERECO-ing with timecut = 999999 and EB, EE default cuts

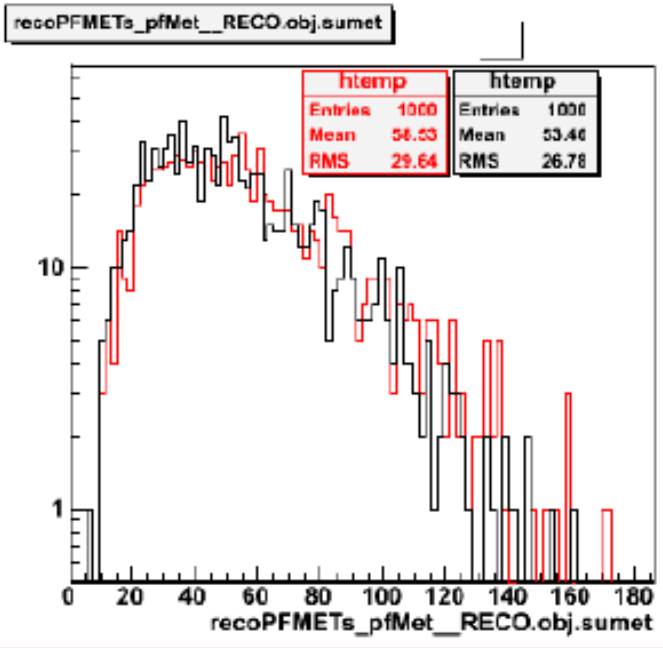




RECO and RERECO match exactly with default cuts

No Difference observed in CaloMet between RECO and RERECO after introducing EE>2 GeV for pFlow.



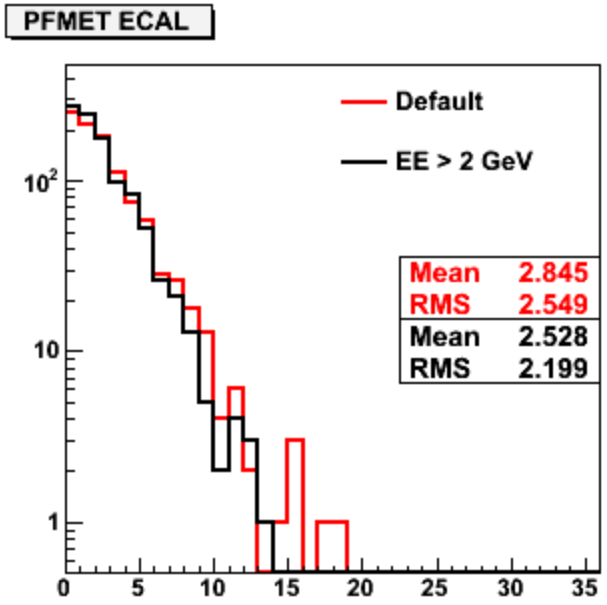


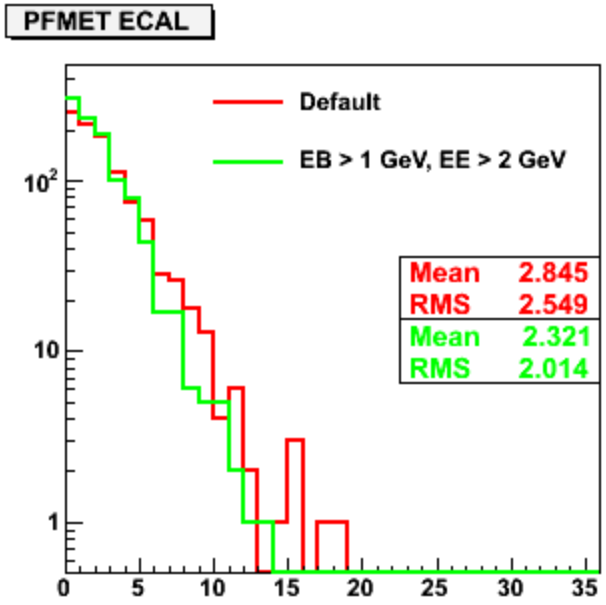
As expected PFMet RERECO
Is different after this EE>2 GeV
This was set [a]

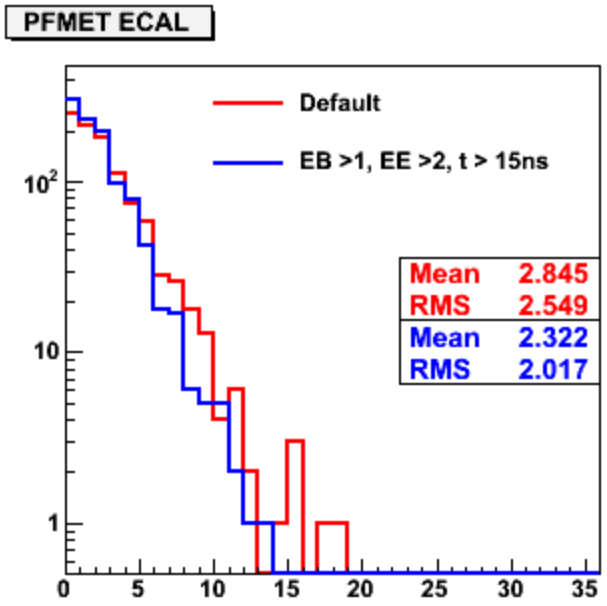
Comparison Plots for 25 ns Early OOT sample (PFlow)

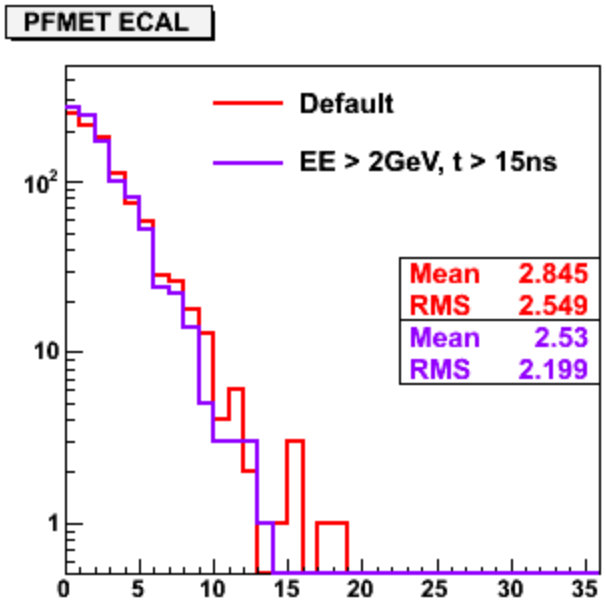
PFMet in ECal

✧ When it is not mentioned EB > 2 GeV is applied for both Calo and PFlow



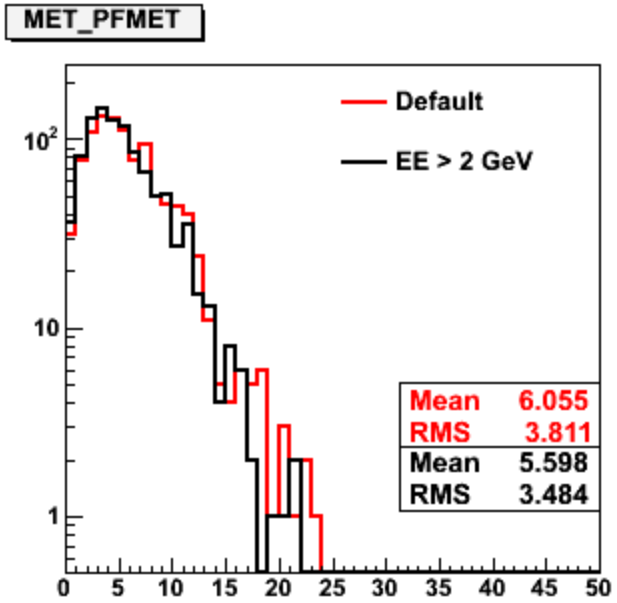


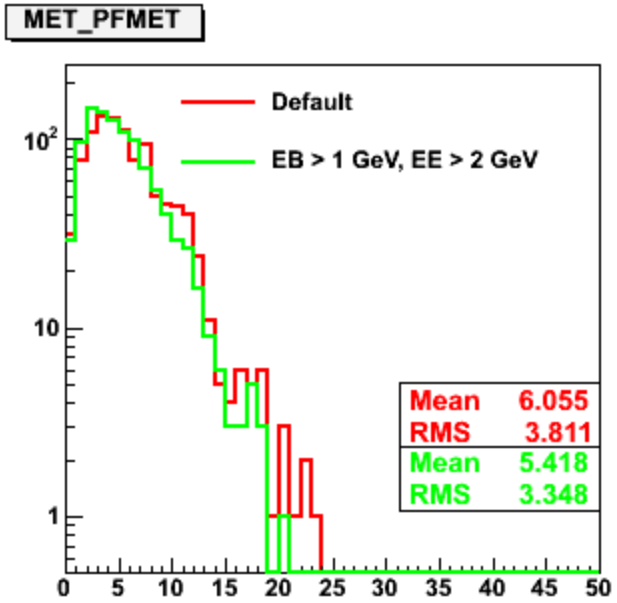


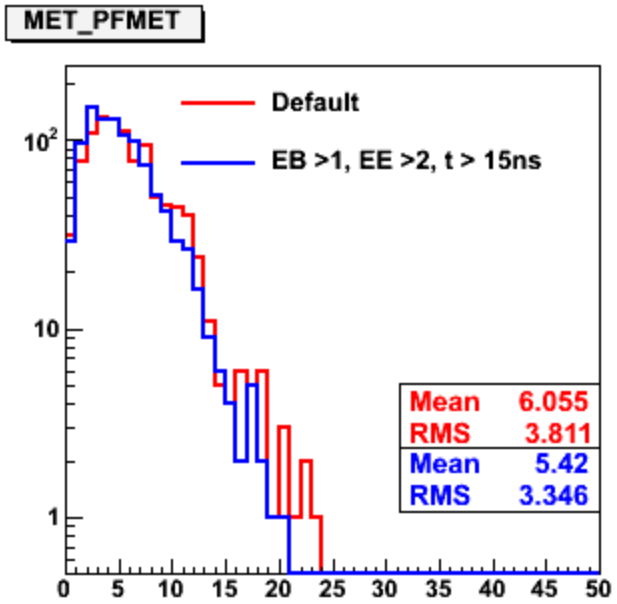


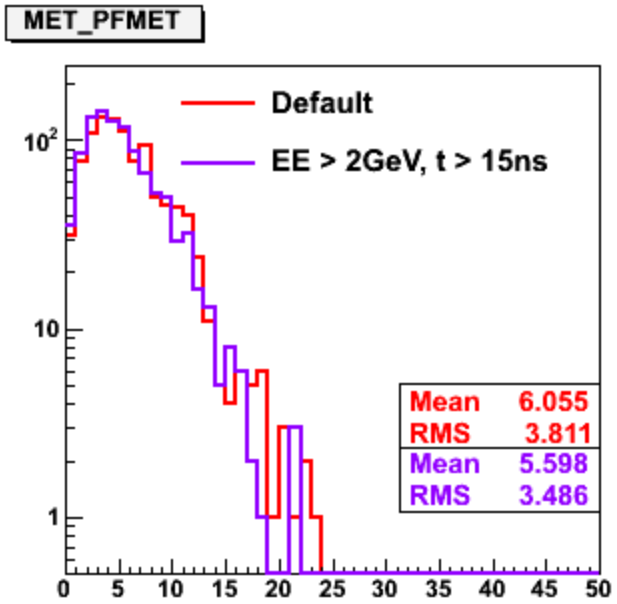
Comparison Plots for 25 ns Early OOT sample (PFlow)

PFMet (total)



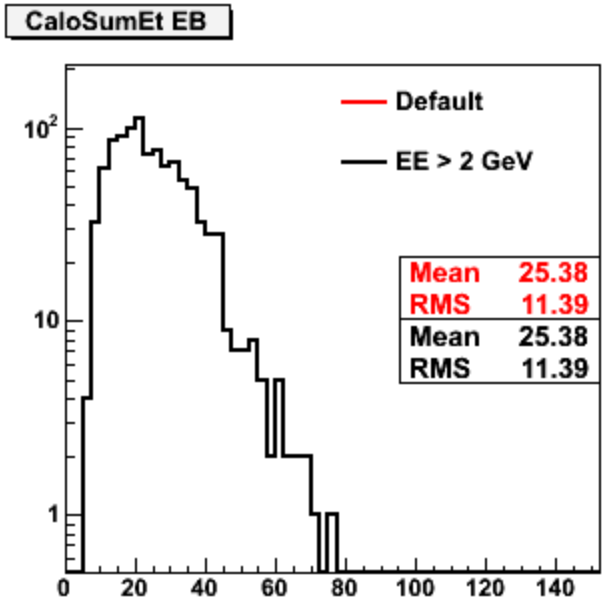


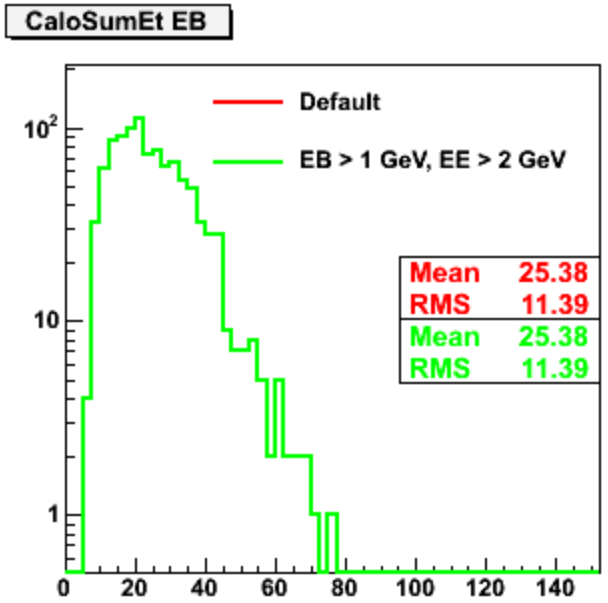


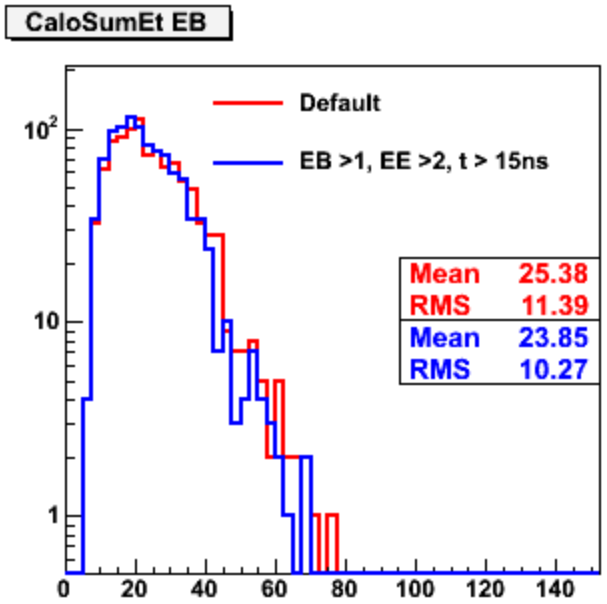


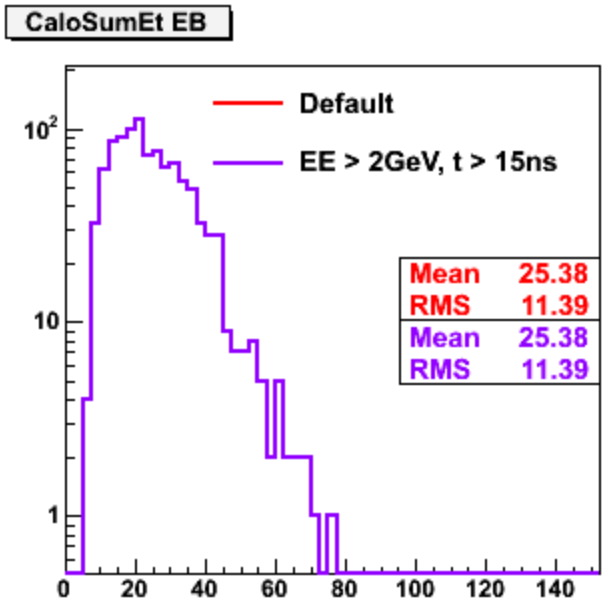
Comparison Plots for 25 ns Early OOT sample (Calo)

CaloMet in EB



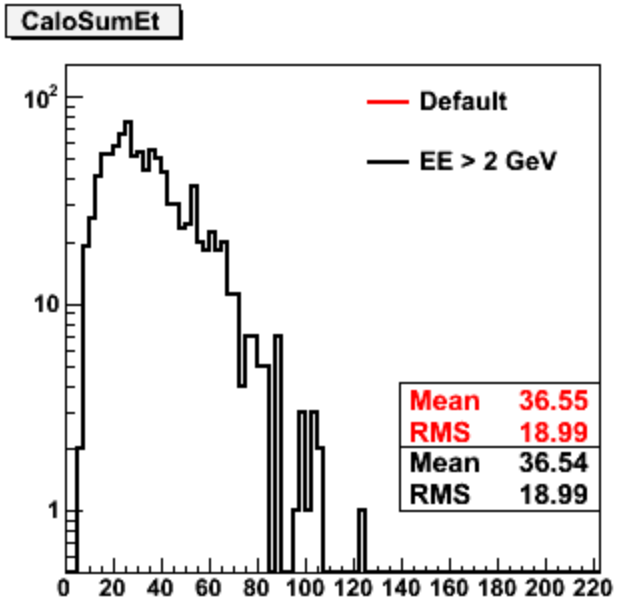


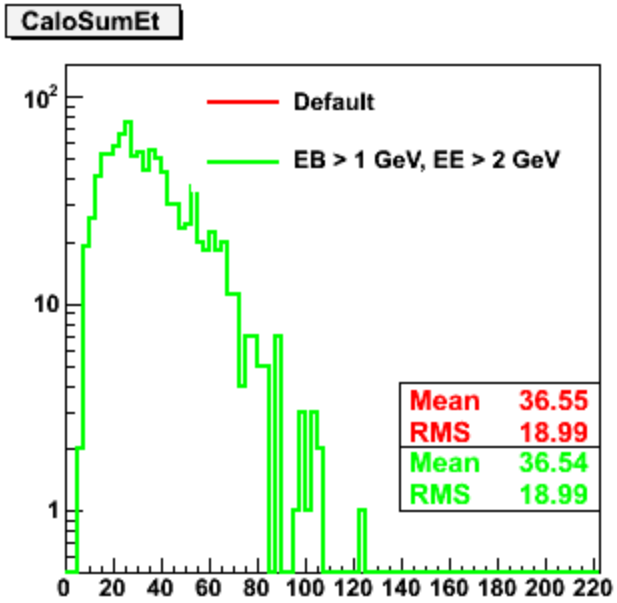


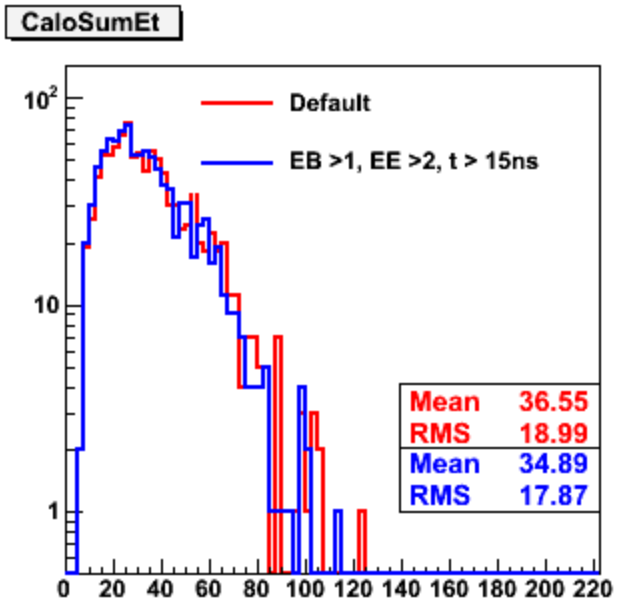


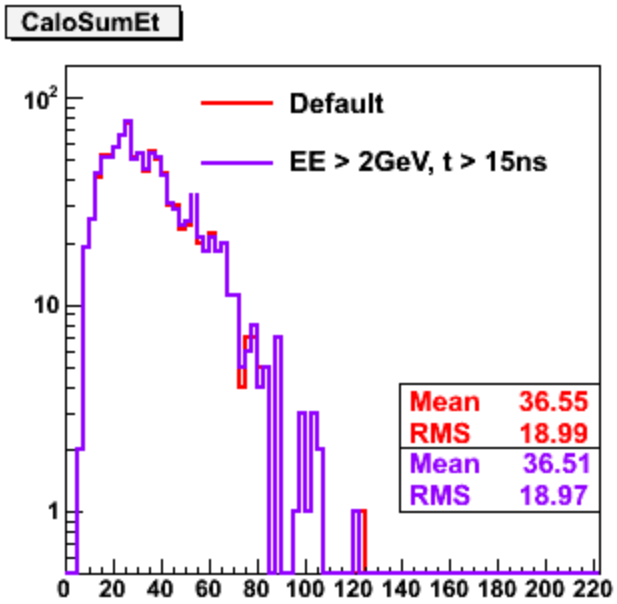
Comparison Plots for 25 ns Early OOT sample (Calo)

CaloMet Total



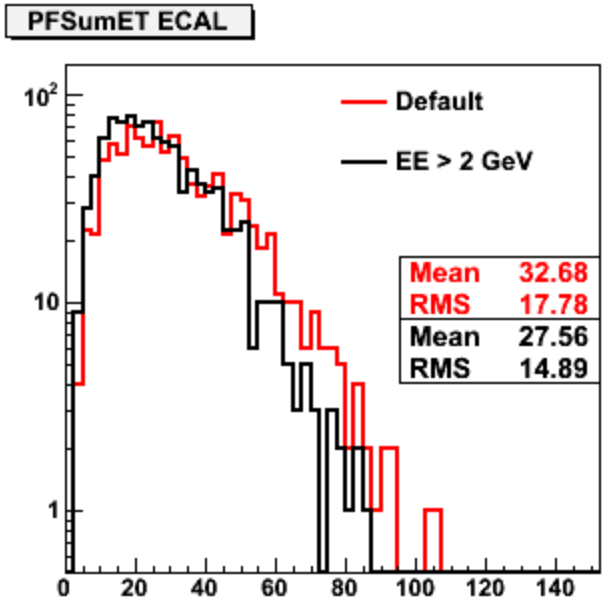


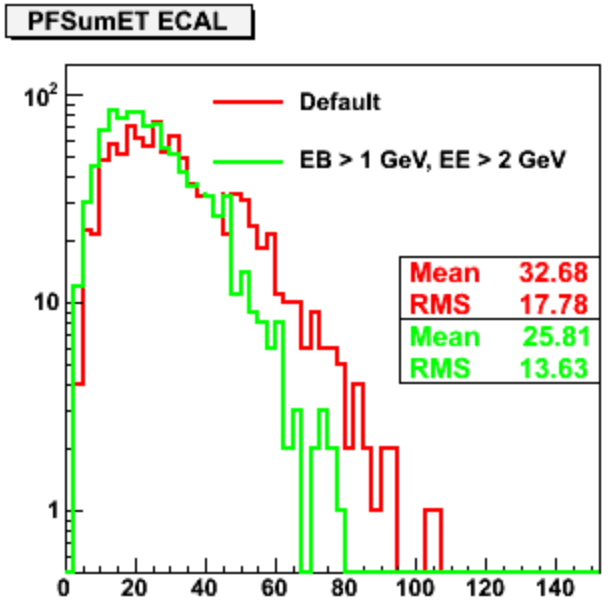


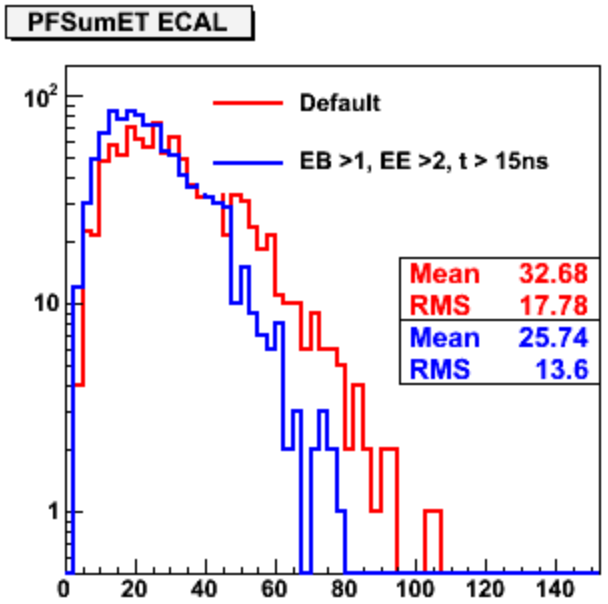


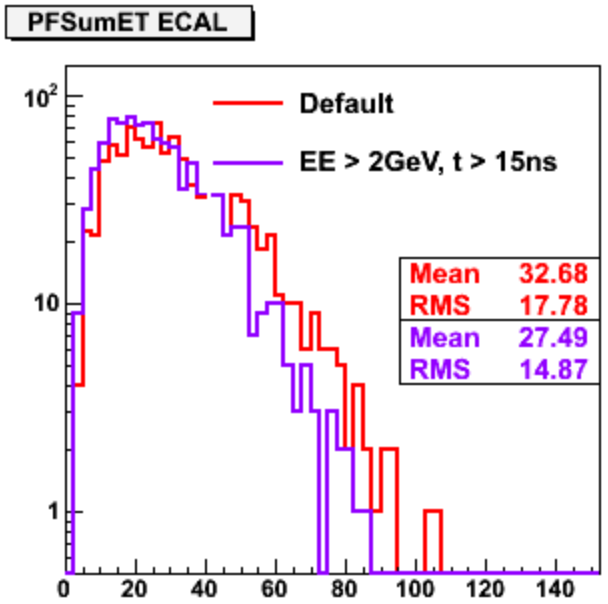
Comparison Plots for 25 ns Early OOT sample (PFlow)

PFSumET in ECal



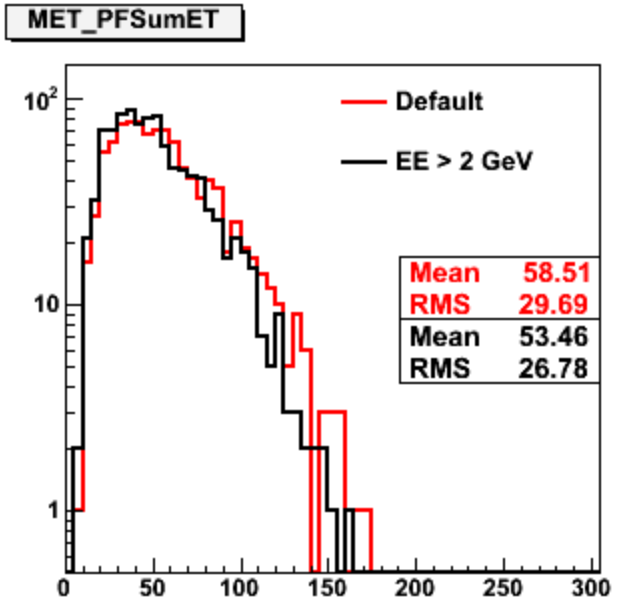


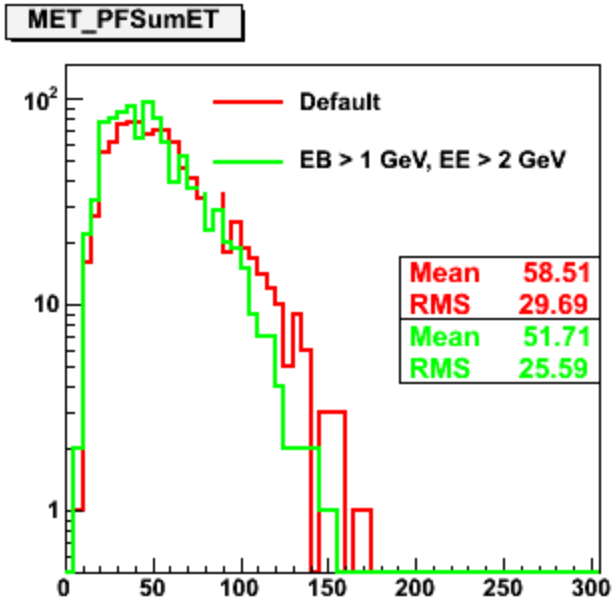


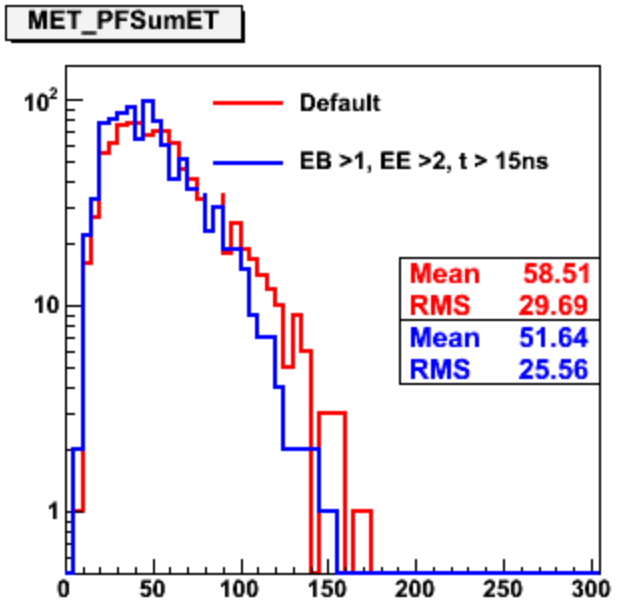


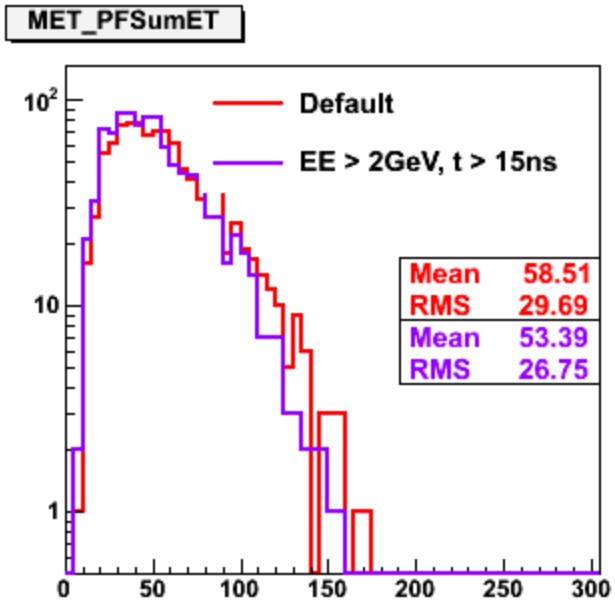
Comparison Plots for 25 ns Early OOT sample (PFlow)

PFSumET Total



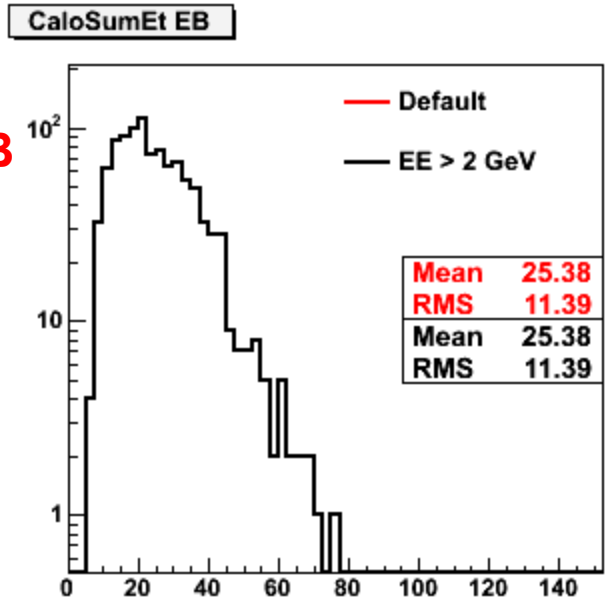


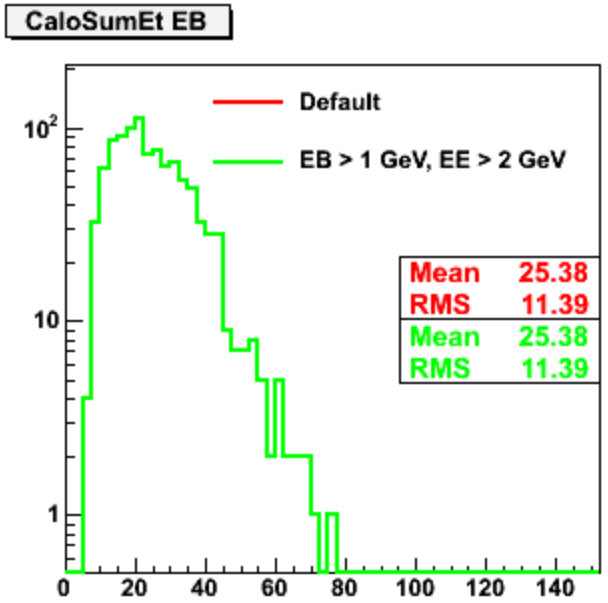


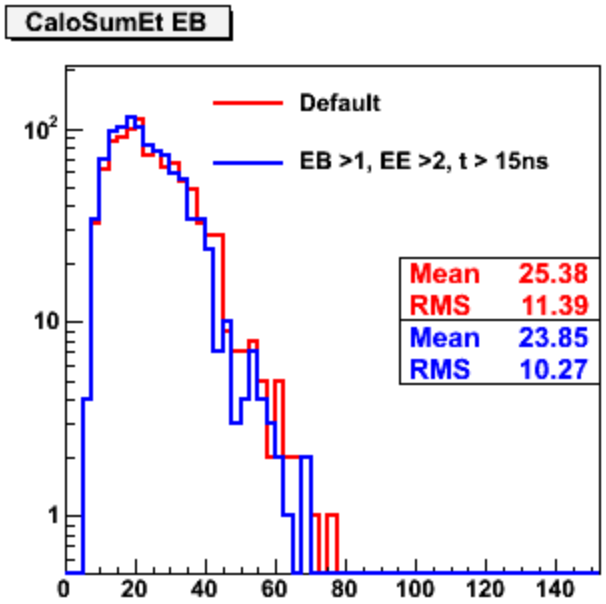


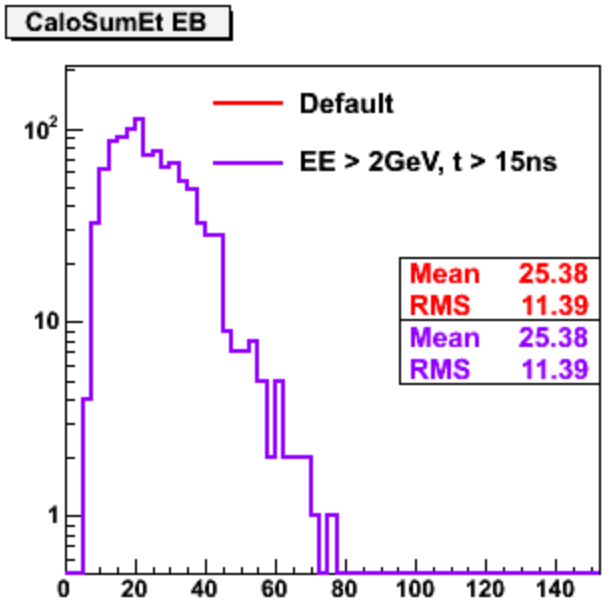
Comparison Plots for 25 ns Early OOT sample (PFlow)

CaloSumET in EB









Comparison Plots for 25 ns Early OOT sample (PFlow)

CaloSumET Total